innovaphone
PURE IP-COMMUNICATIONS

innovaphone IP305

VoIP gateway for two ISDN BRI interfaces
and platform for innovaphone PBX

Data sheet

Housing

Size: 210 x 134 x 32 mm
1 HE for 19” systems

Weight: 660 g

Interfaces

2 x ISDN BRI: TE and NT mode for trunk interface

2 x Ethernet: RJ 45 interface 10/100-BASE-TX (auto negotiation), Power over Ethernet (802.3af, Class 2)

Slot for Compact Flash Cards Type I

Hardware

Power supply:
Power over Ethernet (802.3af, Class 2)
or
external power supply
Power consumption: see wiki-article „HowTo:Power Consumption“

Digital Signal Processor (DSP)
for codecs up to four voice channels
16 MB SDRAM, 8 MB Flash

Operation temperature: 0 °C to +45 °C,
Humidity: 10% to 90%
(not condensed)
Storage temperature: -10 °C to +70 °C

innovaphone PBX

Platform for up to 50 registrations

VoIP protocols

H.323 version 5
SIP version 2, conform RFC 3261
SIP over UDP, TCP, TLS, SIPS
RTP, SRTP, RTCP
T.38 (Fax)

Voice Codecs

G.711 A-law / µ-law,
G.729AB,
VAD, CNG,
Dynamic Jitter Buffering
Echo Compensation: G.168

Network

- PPPoE, manual or automatic connection after boot
- PPTP Tunneling up to 32 tunnels simultaneously, encoding via MPPE
- NAT, H.323-NAT
- RSTP, IEEE 802.1x

VLAN-ID (DHCP and LLDP/MED support)

- NTP support

ISDN

- Routing VOIP-ISDN, ISDN-ISDN, VOIP-VOIP
- Automatic dial tone European and US Standard
- ENUM for H.323 and SIP protocols
- Protokolle EDSS1, QSIG
- Plays recorded messages deposed on CF card or on a web server

Administration

Password protected administration via web-browser, Kerberos server

Log and trace files, Display of interface and connection status, Ping – connection test for Internet Protocol, Sending SNMP Traps

Save and reload config files, Boot code and firmware update via HTML upload, Automatic update via update server

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